



California Regional Water Quality Control Board

Central Valley Region



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9 February 2006

Steve Borra
Borra Winery
1301 E. Armstrong Road
Lodi, CA 95242

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106 BORRA WINERY, SAN JOAQUIN COUNTY

Regional Board staff has reviewed your 5 October 2005 Report of Waste Discharge (RWD) and 28 December 2005 addendum for coverage under Resolution No. R5-2003-0106, *Waiver of Waste Discharge Requirements for Small Food Processors, Including Wineries, Within the Central Valley Region*. The RWD included a *Notice of Non-Applicability* for compliance with the storm water General Permit and an \$872 filing fee. Our review finds the RWD to be substantially complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed), adopted by the Regional Board on 11 July 2003, is a conditional waiver of waste discharge requirements for small food processors including wineries. Based on the information you have submitted, the discharge as described in the RWD satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the projected volume of wastewater to be produced.

Discharge Description

Stephen Borra (Discharger) owns the Borra Winery at 1301 E. Armstrong Road, Lodi, San Joaquin County. The winery is on 4-acres; the property includes a 20.4-acre vineyard to which wastewater will be applied. The Discharger estimates that approximately 150-tons of grapes will be crushed producing approximately 24,750-gallons of wine (approximately 10,000 cases of wine). The Discharger estimates approximately 87,560 gallons of wastewater will be generated on an annual basis.

All activities producing wastewater will be conducted on a concrete pad equipped with drains to collect wastewater. Wastewater will be screened in floor drains, collected in a 1,900-gallon sump, and then pumped to the land application area. Wastewater will be applied to the land application area using subsurface drip irrigation. No wastewater will be applied during times of precipitation or when the soil is saturated. Activities in the winery will be curtailed or modified to prevent the application of wastewater when climatic or soil conditions do not allow application.

Based on the typical volume and strength of wastewater that will be produced, the anticipated maximum hydraulic and agronomic loading rates for the proposed disposal area fall within an acceptable range. The Discharger has identified Best Management Practices that will be implemented to minimize wastewater strength and potential odor problems, and to prevent hydraulic or nutrient overloading. Those practices include source control and management of winery activities consistent with climatic

California Environmental Protection Agency

conditions. The estimated volume of wastewater used to calculate the maximum loading rates was 87,560 gallons per year. Wastewater data will be compiled and included in an annual report. Because the Discharger will crush more than 80 tons of grapes, wastewater generation must be flow metered. The RWD addendum states the flow meter is located approximately 10-feet west of the northwest corner of the cold storage area.

Solid waste produced by the facility will consist of grape seeds, stems, skins, and lees. It is estimated that 112,350 pounds of solid waste will be generated annually. Solid waste will be spread on the vineyard, and will be tilled into the soil if needed to prevent odors. As a contingency solid waste management option, the Discharger can transport the waste to a landfill for disposal.

Conditional Waiver

Based on the information submitted in the RWD, the discharge as described above satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of wastewater produced. Therefore, this letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements for this facility are waived.

Enclosed is a copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program. As described therein, an annual report must be submitted by **1 February** of each year.

If the discharge violates the terms or conditions of the waiver, the Regional Board may take enforcement action, including assessment of administrative civil liability. If the method of winery wastewater and solids disposal change from those described in the RWD, you must submit a new RWD. Please note that the waiver will expire on 11 July 2008, at which time you must submit a new RWD with filing fee to renew the waiver, or cease the discharge. If your total annual flow exceeds 100,000 gallons per year, the waiver is no longer applicable to your facility and you must submit a new RWD for individual Waste Discharge Requirements.

If you have any questions, please contact Tim O'Brien at (916) 464-4616.

- Original Signed by -

KENNETH D. LANDAU
Acting Executive Officer

enc: General Order No. R5-2003-0106

cc: w/o enc Mike Huggins, San Joaquin County Environmental Health Department, Stockton